

IN THE CLAIMS

Please cancel claims amend claims 1, 3-11, 13-18, 20, 21, 23-28, and 30 and add new claims 31-33 as follows:

1. (CURRENTLY AMENDED) A method of printing an impositioned document, comprising the steps of:

receiving source data;

receiving a job ticket generated from the source data, the job ticket having a first identifier identifying a resource of the document and layout information describing a layout of the resource in the document;

generating [[an]] a second identifier associated with the resource, the second identifier locally recognizable by a printing device;

storing the second identifier remotely from the ~~printer~~ printing device;

storing the resource locally to the ~~printer~~ printing device; and

printing the stored resource according to the layout information.

2. (ORIGINAL) The method of claim 1, wherein:

the source data is received in a print optimizer and the second identifier is stored in the print optimizer;

the job ticket is generated by an impositioning module.

3. (CURRENTLY AMENDED) The method of claim 1, wherein the step of generating [[an]] a second identifier associated with the resource comprises the steps of:

determining if the resource is a new resource;

generating the second identifier and associating the second identifier with the resource only if the resource is a new resource.

4. (CURRENTLY AMENDED) The method of claim 1, further comprising the step of:

converting the resource to a ~~printer~~ printing device-renderable form if the resource is not in the ~~printer~~ printing device-renderable form.

5. (CURRENTLY AMENDED) The method of claim 4, wherein the ~~printer printing device-~~ renderable form is compliant with a page description language.

6. (CURRENTLY AMENDED) The method of claim 1, wherein the resource is stored in a memory of the ~~printer printing device~~ or in a memory of a print server communicatively coupled between the print optimizer and the ~~print-server printing device~~.

7. (CURRENTLY AMENDED) The method of claim 1, wherein the resource is stored locally to the ~~printer printing device~~ only if the resource is not already stored locally to the ~~printer printing device~~.

8. (CURRENTLY AMENDED) The method of claim 1, further comprising the steps of:

receiving a second job ticket having the first identifier and second layout information describing a second layout of the resource in the document;
transforming the first identifier into the second identifier; and
printing the stored resource according to the second layout information.

9. (CURRENTLY AMENDED) The method of claim 1, wherein the imposed document comprises variable data, and the method further ~~comprising~~ comprises the steps of:
augmenting the job ticket with the variable data.

10. (CURRENTLY AMENDED) The method of claim 9, wherein the step of augmenting the job ticket with the variable data comprises the step of:

accepting source data having a variable data tag;
associating [[a]] the first identifier with the variable data tag[[s]];
replacing variable data tags with variable data or a reference to the variable data; and
augmenting the job ticket with the variable data or the reference to the variable data.

11. (CURRENTLY AMENDED) An apparatus for printing an impositioned document, comprising:

- means for receiving source data;
- means for receiving a job ticket generated from the source data, the job ticket having a first identifier identifying a resource of the document and layout information describing a layout of the resource in the document;
- means for generating ~~[[an]]~~ a second identifier associated with the resource , the second identifier locally recognizable by a printing device;
- means for storing the second identifier remotely from the ~~printer~~ printing device;
- means for storing the resource locally to the ~~printer~~ printing device; and
- means for printing the stored resource according to the layout information.

12. (ORIGINAL) The apparatus of claim 11, wherein:

- the source data is received in a print optimizer and the second identifier is stored in the print optimizer;
- the job ticket is generated by an impositioning module.

13. (CURRENTLY AMENDED) The apparatus of claim 11, wherein the means for generating ~~[[an]]~~ a second identifier associated with the resource comprises:

- means for determining if the resource is a new resource;
- means for generating the second identifier and associating the second identifier with the resource only if the resource is a new resource.

14. (CURRENTLY AMENDED) The apparatus of claim 11, further comprising:

- means for converting the resource to a ~~printer~~ printing device-renderable form if the resource is not in the ~~printer~~ printing device-renderable form.

15. (CURRENTLY AMENDED) The apparatus of claim 14, wherein the ~~printer~~ printing device-renderable form is compliant with a page description language.

16. (CURRENTLY AMENDED) The apparatus of claim 11, wherein the resource is stored in a memory of the ~~printer~~ printing device or in a memory of a print server communicatively coupled between the print optimizer and the ~~print server~~ printing device.

17. (CURRENTLY AMENDED) The apparatus of claim 11, wherein the resource is stored locally to the ~~printer~~ printing device only if the resource is not already stored locally to the ~~printer~~ printing device.

18. (CURRENTLY AMENDED) The apparatus of claim 11, further comprising:
means for receiving a second job ticket having the first identifier and second layout information describing a second layout of the resource in the document;
means for transforming the first identifier into the second identifier; and
means for printing the stored resource according to the second layout information.

19. (ORIGINAL) The apparatus of claim 11, wherein the impositioned document comprises variable data, and the apparatus further comprises means for augmenting the job ticket with the variable data.

20. (CURRENTLY AMENDED) The apparatus of claim 19, wherein the means for augmenting the job ticket with the variable data comprises:
means for accepting source data having a variable data tag;
means for associating ~~[[a]]~~ the first identifier with the variable data tag~~[[s]]~~;
means for replacing variable data tags with variable data or a reference to the variable data;
and
means for augmenting the job ticket with the variable data or the reference to the variable data.

21. (CURRENTLY AMENDED) A program storage device, readable by a computer, tangibly embodying at least one program of instructions executable by the computer to perform method steps of printing an impositioned document, the method steps comprising the steps of:

- receiving source data;
- receiving a job ticket generated from the source data, the job ticket having a first identifier identifying a resource of the document and layout information describing a layout of the resource in the document;
- generating ~~[[an]]~~ a second identifier associated with the resource, the second identifier locally recognizable by a printing device;
- storing the second identifier remotely from the ~~printer~~ printing device;
- storing the resource locally to the ~~printer~~ printing device; and
- printing the stored resource according to the layout information.

22. (ORIGINAL) The program storage device of claim 21, wherein:

- the source data is received in a print optimizer and the second identifier is stored in the print optimizer;
- the job ticket is generated by an impositioning module.

23. (CURRENTLY AMENDED) The program storage device of claim 21, wherein the method step of generating ~~[[an]]~~ a second identifier associated with the resource comprises method steps of:

- determining if the resource is a new resource;
- generating the second identifier and associating the second identifier with the resource only if the resource is a new resource.

24. (CURRENTLY AMENDED) The program storage device of claim 21, wherein the method steps further comprise the step of:

- converting the resource to a ~~printer~~ printing device-renderable form if the resource is not in the ~~printer~~ printing device-renderable form.

25. (CURRENTLY AMENDED) The program storage device of claim 24, wherein the ~~printer printing device~~-renderable form is compliant with a page description language.

26. (CURRENTLY AMENDED) The program storage device of claim 21, wherein the resource is stored in a memory of the ~~printer printing device~~ or in a memory of a print server communicatively coupled between the print optimizer and the ~~printer printing device~~.

27. (CURRENTLY AMENDED) The program storage device of claim 21, wherein the resource is stored locally to the ~~printer printing device~~ only if the resource is not already stored locally to the ~~printer printing device~~.

28. (CURRENTLY AMENDED) The program storage device of claim 21, wherein the method steps further comprise the steps of:

receiving a second job ticket having the first identifier and second layout information describing a second layout of the resource in the document;
transforming the first identifier into the second identifier; and
printing the stored resource according to the second layout information.

29. (ORIGINAL) The program storage device of claim 21, wherein the impositioned document comprises variable data, and the method steps further comprise the steps of:
augmenting the job ticket with the variable data.

30. (CURRENTLY AMENDED) The program storage device of claim 29, wherein the method step of augmenting the job ticket with the variable data comprises the step of:

accepting source data having a variable data tag;
associating [[a]] the first identifier with the variable data tag~~[[s]]~~;
replacing variable data tags with variable data or a reference to the variable data; and
augmenting the job ticket with the variable data or the reference to the variable data.

31. (NEW) The method of claim 1, wherein the second identifier is generated from the first identifier.

32. (NEW) The apparatus of claim 11, wherein the second identifier is generated from the first identifier.

33. (NEW) The method of claim 21, wherein the second identifier is generated from the first identifier.